Exhibit E2A: Transportation Improvement Recommendations Between Western Avenue and Nevada Avenue 2. 43rd St./Military Rd. Short-Term Improvements Military Road/Missouri Avenue Transportation Study 1. Re-stripe pavement markings. 2. Remove two parking spaces along Military Rd. east of 43rd St. 3. Install parking stall striping to define parking 7. Military Rd./Connecticut Ave. 4. Relocate "No Parking Here To Corner" sign. 5. Install "Do Not Block Intersection" signs. Short-Term Improvements 1. Increase the length of the EB left turn lane. Long-Term Improvements See Exhibit 5-12. 1. Improvements recommended at 41st St. and 2. Improve the taper rate into the EB left turn at Western Ave. should reduce the queuing lane to a minimum rate of 10:1. 3. Remove one parking space on the EB Reconstruct wheelchair ramps to current approach. ADA and DDOT standards. 4. Add a lane use sign for approaching WB traffic. N. W. N.W Remove and clear vegetation overgrowth. (MD 355) Wisconsin Ave. 6. Modify signal timing to improve the flow on all approaches. St., St. **Long-Term Improvements** 1. Increase the curb radius on the southeast quadrant \mathbf{st} 2. Consider the installation of a fully-actuated 41 signal system at this location. RD MILITARY RD. N.W. 5 Broad Branch Rd. N.W. N.W. N. N. St. St. 43rd 42nd 6. Military Rd./39th St. 4&5. Military Rd./41st St./Reno Rd. **Short-Term Improvements** Short-Term Improvements 8. Military Rd./Nevada Ave. 1. Re-stripe existing lane markings. 1. Reset timing of the signal phases 2. Re-stripe pedestrian crosswalks to current 2. Improve intersection signing to remove confusion. Short-Term Improvements 3. 42nd St./Military Rd. DDOT standards. 3. Install a red light camera system to assist in monitoring prohibited 1. Re-stripe pedestrian crosswalks to current 1. Western Ave./Military Rd. 3. Establish parking limits with stripping on Short-Term Improvements movements and red light running. DDOT standards the side streets Short-Term Improvements 1. Re-stripe pavement markings. 2. Provide parking lane striping along 4. Relocate EB speed limit sign to far side of Long-Term Improvements 2. Remove parking spaces along Military 1. Add additional striping and signage Military Rd. between Nevada Ave. and intersection. Install vehicular detection equipment on all approaches. indicating lane usages. Road on either side of 42nd St. Nebraska Ave. 5. Install a new WB speed limit sign on the 2. Install a fully-actuated traffic control system. 2. Modify signal timing at both this location 3. Remove and clear vegetation overgrowth 3. Install parking stall striping to define 3. Re-stripe the Military Rd. EB approach to provide a 150-ft long right far side of the intersection. and at Military Rd./41st St. to alleviate the parking limits. or relocate sign. turn lane. Prohibit parking within the limits of the turn lane. EB congestion 4. Relocate "No Parking Here To Corner" 4. Install "No Parking Here to Corner" sign Long-Term Improvements 3. Coordinate signal phasing timing with on all approaches on Nevada Ave. If above short-term and long-term recommended improvements do not resolve the 1. Install traffic signal detection equipment intersection at Wisconsin and Western 5. Install "Do Not Block Intersection" signs 5. Relocate WB speed limit sign to be in excessive queuing problem at this intersection, the following alternatives should on side street to permit semi-actuated for both directions. front of tree. 4. Coordinate with Embassy Suites to 6. Install additional signage to reinforce 1. ALTERNATIVE 1: Close 41st St. south of the intersection by 2. Install pedestrian push buttons to actuate improve operations at drop-off area. turning restrictions placing a temporary double faced Jersey Barrier across the southern Long-Term Improvements side street signal phase. 1. Reconstruct wheelchair ramps in the section of 41st St. Advance signage would be required at Jenifer St. Long-Term Improvements **Long-Term Improvements** and a small turn-around would need to be constructed. Remove the northeast and southeast quadrant to current Re-align pedestrian crossings on Military 1. Improvements recommended at 41st St. appropriate signal phase and retime remaining phases. ADA and DDOT standards. Rd. by reconstructing the islands. and at Western Ave. should significantly 2. If Alternative 1 is selected, monitor the intersection for a 90-day reduce the queuing problems. period then, replace the barrier with a raised grassed panel or planter to make closure permanent. Allow a path for bicycle and pedestrian **SCHEMA** 3. ALTERNATIVE 2: Make 41st St. one-way SB from Military Rd. to TIC **NOT TO** If Alternatives 1 or 2 is implemented accommodations for bicycles will be maintained. **SCALE**